

Product datasheet for **RC200408L4V**

gamma Tubulin (TUBG1) (NM_001070) Human Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | gamma Tubulin (TUBG1) (NM_001070) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | TUBG1 |
| Synonyms: | CDCBM4; GCP-1; TUBG; TUBGCP1 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_001070 |
| ORF Size: | 1353 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC200408). |
| OTI Disclaimer: | The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info |
| OTI Annotation: | This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene. |
| RefSeq: | NM_001070.3 |
| RefSeq Size: | 1968 bp |
| RefSeq ORF: | 1356 bp |
| Locus ID: | 7283 |
| UniProt ID: | P23258 |
| Cytogenetics: | 17q21.2 |
| Domains: | tubulin |
| Protein Families: | Druggable Genome |

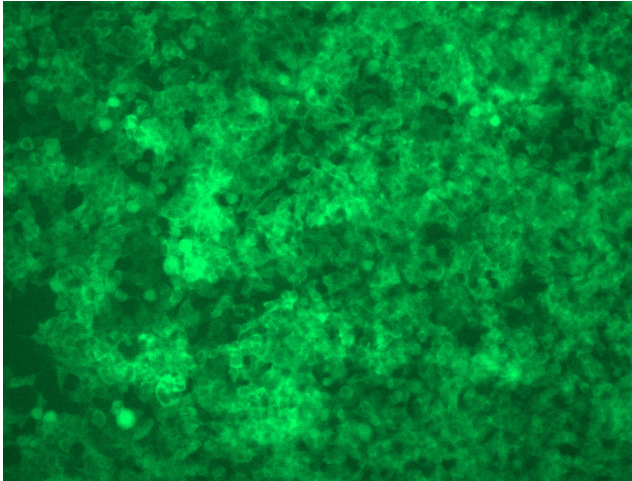


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MW: 51.2 kDa

Gene Summary: This gene encodes a member of the tubulin superfamily. The encoded protein localizes to the centrosome where it binds to microtubules as part of a complex referred to as the gamma-tubulin ring complex. The protein mediates microtubule nucleation and is required for microtubule formation and progression of the cell cycle. A pseudogene of this gene is found on chromosome 7. [provided by RefSeq, Jan 2009]

Product images:



[RC200408L4] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC200408L4V particle to overexpress human TUBG1-mGFP fusion protein.